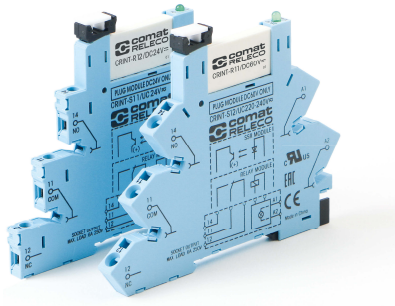
CRINT 1x8 series

Solid state interface module with NO output contact

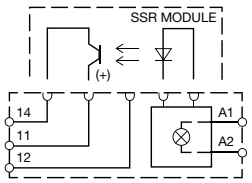
DIN Rail mounting

Types: CRINT-C118, CRINT-C128 / ...V
For PLC's and process control.
AC output interface zero synchronous switching NO for resistive or similar load. (No transformator rec.) With screw terminals (CRINT-S11) or cage clamp terminals (CRINT-S12).



Max. contact load	**1 A, 240 V AC-1**
Contact	
Type	1 NO (Solid state AC)
Material	TRIAC
Switching current I_{TH}	1 A 240 V AC
Recommended minimal load	22 mA / 12 V
Peak inrush current	80 A/10 ms
Coil	
Operation voltage AC 50/60 Hz / DC	0.8 ... 1.25 U_N
Nominal power DC/AC	150 / — mW
Insulation	
Test voltage I / O	2.5 kVrms 1 minute
Pollution degree	3
Over voltage category	III
Open contact	1000 Vrms dielectric strength 1 min
Standard	EN61810-5
General Specifications	
Ambient temperature: operation / storage	-30 … +70 °C / -40 … +85 °C
Typical response time @ V_n	1 ms
Typical release time @ V_n	1 ms
Cond. cross section screw terminal	2.5 mm^2
Cond. cross section spring cage	0.75 … 2.5 mm^2
Ingress protection	IP 20
Mounting position	any
Housing material	Polyamide PA6

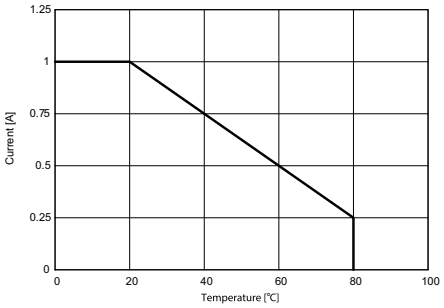
Connection diagram



Relay
- NO / Solid-state DC
- NO / Solid-state AC

Socket
-Screw terminal
-Cage clamp terminal

Output derating curve



Dimensions p.32

Order information

Screw terminal:	**CRINT-C118/UC...V**	**UC12V**
		UC24V
		UC48V
Cage clamp terminal:	**CRINT-C128/UC...V**	**UC60V**
		UC110-125V
„ …“ enter the voltage for full type designation		**UC220-240V**

Accessories

Jumper link (5 pcs):	blue:	**CRINT-BR20-BU/5**
	red:	**CRINT-BR20-RD/5**
	black:	**CRINT-BR20-BK/5**
Label plate (64 pcs):		**CRINT-LAB/64**
Spacer (5 pcs):		**CRINT-SEP/5**

Replacement relays:
CRINT-R18/DC...V
„ …“ enter the voltage for full type designation

DC12V
DC24V
DC60V*

*60V Relay used for all sockets with
a nominal voltage higher or equal 60V

Technical approvals, conformities

(in progress)